

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: \_\_\_\_\_

**NORMALIZED BITMAP REPRESENTATION OF VISUAL OBJECT'S SHAPE FOR SEARCH/**  
**QUERY/FILTERING APPLICATIONS**

the specification of which:

(check one) X is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_, 19\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I have identified below any foreign application(s) for patent or inventor's certificate from which I claim foreign priority benefits under Title 35, United States Code, Section 119 and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

|                   |                    |                                 |              |             |
|-------------------|--------------------|---------------------------------|--------------|-------------|
| _____<br>(Number) | _____<br>(Country) | _____<br>(Day/Month/Year Filed) | _____<br>Yes | _____<br>No |
|-------------------|--------------------|---------------------------------|--------------|-------------|

|                   |                    |                                 |              |             |
|-------------------|--------------------|---------------------------------|--------------|-------------|
| _____<br>(Number) | _____<br>(Country) | _____<br>(Day/Month/Year Filed) | _____<br>Yes | _____<br>No |
|-------------------|--------------------|---------------------------------|--------------|-------------|

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of the above-identified specification is not disclosed in the prior United States application(s) in the matter required by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

|   |  |   |
|---|--|---|
| <u>60/118,207</u><br>(Application Serial No.) | <u>February 1, 1999</u><br>(Filing Date) | <u>Pending provisional</u><br>(Status-patented, pending, abandoned) |
|---|--|---|

|                                   |                        |  |
|-----------------------------------|------------------------|--|
| _____<br>(Application Serial No.) | _____<br>(Filing Date) | _____<br>(Status-patented, pending, abandoned) |
|-----------------------------------|------------------------|--|

I hereby appoint the following attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Francis I. Gray, Reg. No. 27,788 at telephone no. (503) 627-7261, P.O. Box 500, Delivery Station 50-LAW, Beaverton, Oregon 97077.

Address all telephone calls to Peter D. Symes at Telephone no. (530) 478-3437.

Address all correspondence to Peter D. Symes, Manager, Advanced Technology, Grass Valley (U.S.) Inc., P.O. Box 599000, 400 Providence Mine Road, Nevada City, California 95959-7900.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of **sole or first** inventor THUMPUDI NAVEEN

Inventor's signature *Naveen* Date 1/13/2000

Residence Redmond, Washington Citizenship India

Address 1406 156<sup>th</sup> Avenue NE #H231 # PP2AB  
Redmond, Washington 98052

Full name of **second** inventor ANIL M. MURCHING

Inventor's signature *Anil Murching* Date 01/02/2000

Residence Beaverton, Oregon Citizenship India

Address 930 S.W. 163<sup>rd</sup> Avenue, #335  
Beaverton, Oregon 97006